

Author Index

- Antonelli, M.L., see Salieri, G. 287
- Bakken, G.A.
— and Kalivas, J.H.
Assessing chromatographic peak purity using condition index and singular value evolving profiles 173
- Berzas Nevado, J.J.
—, Lemus Gallego, J.M. and Buitrago Laguna, P.
Spectrophotometric determination of catecholamines with metaperiodate by flow-injection analysis 293
- Bielejewska, A.
—, Koźbial, M., Nowakowski, R., Duszczuk, K. and Sybil-ska, D.
Studies on the behaviour of α -, β - and γ -cyclodextrins and some derivatives under reversed-phase liquid chromato-graphic conditions 201
- Bilitewski, U., see Günther, A. 117
- Bloemendal, H.
— and Satijn, M.
Simple reversible staining of proteins transferred from polyacrylamide gels onto nitrocellulose membranes 1
- Bock, U., see Kullick, T. 25
- Bøwadt, S., see De Boer, J. 155
- Brinkman, U.A.Th., see De Boer, J. 155
- Buitrago Laguna, P., see Berzas Nevado, J.J. 293
- Burns, D.T.
— and Lewis, R.J.
Analysis and characterisation of nitroglycerine based ex-plosives by proton magnetic resonance spectrometry 221
- Cabredo Pinillos, S.
—, Sanz Asensio, J. and Galbán Bernal, J.
Simultaneous determination of arsenic, antimony and sele-nium by gas-phase diode array molecular absorption spec-trometry, after preconcentration in a cryogenic trap 321
- Cao, X.-L.
—, Hewitt, C.N. and Waterhouse, K.S.
Study of the responses of a gas chromatography-reduction gas detector system to gaseous hydrocarbons under differ-ent conditions 193
- Chang, C.-M.
— and Huang, H.-J.
Impedance analysis of the transport of counter ions at polypyrrole-Nafion composite electrodes 15
- Chang, W.-B., see Ci, Y.-X. 273
- Chang, W.-B., see Tie, J.-K. 215
- Chen, G.
—, Mei, E., Gu, W., Zeng, X. and Zeng, Y.
Instrument for Hadamard transform three-dimensional fluorescence microscope image analysis 261
- Chen, L., see Wang, J. 127
- Chen, Q., see Wang, J. 111
- Ci, Y.-X.
—, Qin, Y., Chang, W.-B. and Li, Y.-Z.
Application of a mimetic enzyme for the enzyme im-munoassay for α -1-fetoprotein 273
- Ci, Y.-X., see Tie, J.-K. 215
- Cronan, C.S., see Plankey, B.J. 227
- Csapó, J.
—, Csapó-Kiss, Z., Martin, T.G., Folestad, S., Orwar, O., Tivesten, A. and Némethy, S.
Age estimation of old carpets based on cystine and cysteic acid content 313
- Csapó-Kiss, Z., see Csapó, J. 313
- Dao, K.L., see Fung, Y.S. 207
- Dao, Q.T., see De Boer, J. 155
- De Boer, J.
—, Dao, Q.T., Wester, P.G., Bøwadt, S. and Brinkman, U.A.Th.
Determination of mono-*ortho* substituted chlorobiphenyls by multidimensional gas chromatography and their contri-bution to TCDD equivalents 155
- De Luca Rebello Wagener, A., see Erthal Santelli, R. 149
- Deng, J., see Liu, H. 65
- De Robertis, A.
—, Di Giacomo, P. and Foti, C.
Ion-selective electrode measurements for the determina-tion of formation constants of alkali and alkaline earth metals with low-molecular-weight ligands 45
- Di Giacomo, P., see De Robertis, A. 45
- Djordjevic, P.T.
—, Jelkic-Stankov, M. and Stankov, D.
Fluorescence reaction and complexation equilibria be-tween norfloxacin and aluminium(III) ion in chloride medium 253
- Duarte, A.C., see Gomes, M.T. 329
- Duszczuk, K., see Bielejewska, A. 201

- Ensafi, A.A., see Safavi, A. 307
- Erthal Santelli, R.
—, Salgado Lopes, P.R., Leme Santelli, R.C. and De Luca Rebello Wagener, A.
Turbidimetric determination of sulphate in waters employing flow injection and lead sulphate formation 149
- Folestad, S., see Csapó, J. 313
- Foti, C., see De Robertis, A. 45
- Fung, Y.S.
— and Dao, K.L.
Ion chromatographic determination of traces of some oxoanions with direct spectrophotometric detection 207
- Galbán Bernal, J., see Cabredo Pinillos, S. 321
- Gartske, C.
— and Huber, C.O.
Amperometric determination of oxidizable solutes in water with a solution exchange technique 53
- Ghourchian, H.O.
— and Kamo, N.
Latex piezoelectric immunoassay: effect of interfacial properties 99
- Gomes, M.T.
—, Duarte, A.C. and Oliveira, J.P.
Comparison of two methods for coating piezoelectric crystals 329
- Grases, F., see March, J.G. 269
- Gu, W., see Chen, G. 261
- Günther, A.
— and Bilitewski, U.
Characterisation of inhibitors of acetylcholinesterase by an automated amperometric flow-injection system 117
- Håkanson, H., see Shu, H.-C. 277
- Hewitt, C.N., see Cao, X.-L. 193
- Higson, S.P.J.
— and Vadgama, P.M.
Diamond like carbon coated films for enzyme electrodes: characterization of biocompatibility and substrate diffusion limiting properties 77
— and Vadgama, P.M.
Diamond like carbon films for enzyme electrodes: characterisation of novel overlying permselective barriers 85
- Huang, H.-J., see Chang, C.-M. 15
- Huang, X.
—, Pot, J.J. and Kok, W.Th.
Electrochemical characteristics of conductive carbon cement as matrix for chemically modified electrodes 5
- Huber, C.O., see Gartske, C. 53
- Iijima, S., see Mizutani, F. 59
- Ioannou, P.C.
—, Lianidou, E.S. and Konstantianos, D.G.
Simple, rapid and sensitive spectrofluorimetric determination of diflunisal in serum and urine based on its ternary complex with terbium and EDTA 237
- Jelikić-Stankov, M., see Djurdjević, P.T. 253
- Jiang, Z.-L.
—, Liao, L.-X. and Liu, M.-D.
Catalytic method for the determination of traces of tungsten by linear scan voltammetry 107
- Kalivas, J.H., see Bakken, G.A. 173
- Kamo, N., see Ghourchian, H.O. 99
- Kok, W.Th., see Huang, X. 5
- Konstantianos, D.G., see Ioannou, P.C. 237
- Koźbial, M., see Bielejewska, A. 201
- Kriz, D.
— and Mosbach, K.
Competitive amperometric morphine sensor based on an agarose immobilised molecularly imprinted polymer 71
- Kullick, T.
—, Bock, U., Schubert, J., Scheper, T. and Schügerl, K.
Application of enzyme-field effect transistor sensor arrays as detectors in a flow-injection analysis system for simultaneous monitoring of medium components. Part II. Monitoring of cultivation processes 25
- Lahuerta Zamora, L.
— and Martínez Calatayud, J.
Continuous flow-injection-atomic absorption spectrometric method for the determination of Ondansetron 143
- Lau, O.-W.
— and Mok, C.-S.
Indirect conductimetric detection of amino acids after liquid chromatographic separation 183
- Leme Santelli, R.C., see Erthal Santelli, R. 149
- Lemus Gallego, J.M., see Berzas Nevado, J.J. 293
- Lewis, R.J., see Burns, D.T. 221
- Li, S., see Raba, J. 299
- Li, Y.-Z., see Ci, Y.-X. 273
- Lianidou, E.S., see Ioannou, P.C. 237
- Liao, L.-X., see Jiang, Z.-L. 107
- Liu, H.
— and Deng, J.
Amperometric glucose sensor using tetrathiafulvalene in Nafion gel as electron shuttle 65
- Liu, M.-D., see Jiang, Z.-L. 107
- Lund, W., see Zernichow, L. 167
- Malinowska, E.
— and Meyerhoff, M.E.
Role of axial ligation on potentiometric response of Co(III) tetraphenylporphyrin-doped polymeric membranes to nitrite ions 33
- March, J.G.
—, Villacampa, A.I. and Grases, F.
Enzymatic-spectrophotometric determination of phytic acid with phytase from *Aspergillus ficuum* 269
- Martin, T.G., see Csapó, J. 313
- Martínez Calatayud, J., see Lahuerta Zamora, L. 143
- Mattiasson, B., see Shu, H.-C. 277
- Mei, E., see Chen, G. 261

- Meyerhoff, M.E., see Malinowska, E. 33
- Mizutani, F.
—, Yabuki, S. and Iijima, S.
Amperometric glucose-sensing electrode based on carbon paste containing poly(ethylene glycol)-modified glucose oxidase and cobalt octaethoxyphthalocyanine 59
- Mok, C.-S., see Lau, O.-W. 183
- Mosbach, K., see Kriz, D. 71
- Mottola, H.A., see Raba, J. 299
- Némethy, S., see Csapó, J. 313
- Neshkova, M.
— and Pancheva, E.
Chalcogenide based all-solid-state thin electroplated ion-selective membrane for Hg(II) flow-injection determinations 133
- Nowakowski, R., see Bielejewska, A. 201
- Ohkura, Y., see Saito, M. 243
- Oliveira, J.P., see Gomes, M.T. 329
- Orwar, O., see Csapó, J. 313
- Pancheva, E., see Neshkova, M. 133
- Patterson, H.H., see Plankey, B.J. 227
- Pedrero, M., see Wang, J. 111
- Pingarrón, J.M., see Wang, J. 111
- Plankey, B.J.
—, Patterson, H.H. and Cronan, C.S.
Kinetic analysis of aluminum complex formation with different soil fulvic acids 227
- Pot, J.J., see Huang, X. 5
- Qin, Y., see Ci, Y.-X. 273
- Raba, J.
—, Li, S. and Mottola, H.A.
Spectrophotometric cell comprising parallel rotating and stationary bioreactors: application to the determination of glucose in serum samples 299
- Safavi, A.
— and Ensafi, A.A.
Kinetic spectrophotometric determination of hydrazine 307
- Saito, M.
—, Ushijima, T., Sasamoto, K., Yakata, K., Ohkura, Y. and Ueno, K.
2-(5-Hydrazinocarbonyl-2-thienyl)-5,6-methylenedioxybenzofuran and 2-(5-hydrazinocarbonyl-2-furyl)-5,6-methylenedioxybenzofuran as novel fluorescence derivatisation reagents for carboxylic acids in liquid chromatography 243
- Salgado Lopes, P.R., see Erthal Santelli, R. 149
- Salieri, G.
—, Vinci, G. and Antonelli, M.L.
Microcalorimetric study of the enzymatic hydrolysis of starch: an α -amylase catalyzed reaction 287
- Sanz Asensio, J., see Cabredo Pinillos, S. 321
- Sasamoto, K., see Saito, M. 243
- Satijn, M., see Bloemendal, H. 1
- Scheper, T., see Kullick, T. 25
- Schubert, J., see Kullick, T. 25
- Schügerl, K., see Kullick, T. 25
- Shu, H.-C.
—, Håkanson, H. and Mattiasson, B.
On-line monitoring of D-lactic acid during a fermentation process using immobilized D-lactate dehydrogenase in a sequential injection analysis system 277
- Stankov, D., see Djurdjevic, P.T. 253
- Sybiliska, D., see Bielejewska, A. 201
- Tie, J.-K.
—, Chang, W.-B. and Ci, Y.-X.
Peroxidatic activity of metalloporphyrin binding to serum albumin: enhancement effect of serum albumin on metalloporphyrin catalyzed luminol chemiluminescence reaction 215
- Tivesten, A., see Csapó, J. 313
- Ueno, K., see Saito, M. 243
- Ushijima, T., see Saito, M. 243
- Vadgama, P.M., see Higson, S.P.J. 77, 85
- Villacampa, A.I., see March, J.G. 269
- Vinci, G., see Salieri, G. 287
- Wang, J.
—, Chen, L. and Wu, H.
Gradient flow-injection amperometry based on induced retention by the detector coating 127
—, Chen, Q., Pedrero, M. and Pingarrón, J.M.
Screen-printed amperometric biosensors for glucose and alcohols based on ruthenium-dispersed carbon inks 111
- Waterhouse, K.S., see Cao, X.-L. 193
- Wester, P.G., see De Boer, J. 155
- Wu, H., see Wang, J. 127
- Yabuki, S., see Mizutani, F. 59
- Yakata, K., see Saito, M. 243
- Yu, P.
— and Zhou, D.
Thin-film biosensor for the measurement of glucose concentration in human serum and urine 91
- Zeng, X., see Chen, G. 261
- Zeng, Y., see Chen, G. 261
- Zernichow, L.
— and Lund, W.
Size exclusion chromatography of aluminium species in natural waters 167
- Zhou, D., see Yu, P. 91